

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1623kxg

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	42	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	43	Feb 13	CANCERLIT is no longer being updated
NEWS	44	Feb 24	METADEX enhancements
NEWS	45	Feb 24	PCTGEN now available on STN

NEWS 46 Feb 24 TEMA now available on STN
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 48 Feb 26 PCTFULL now contains images
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:02:14 ON 17 MAR 2003

=> le reg

LE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:02:24 ON 17 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2003 HIGHEST RN 499182-00-2

DICTIONARY FILE UPDATES: 16 MAR 2003 HIGHEST RN 499182-00-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

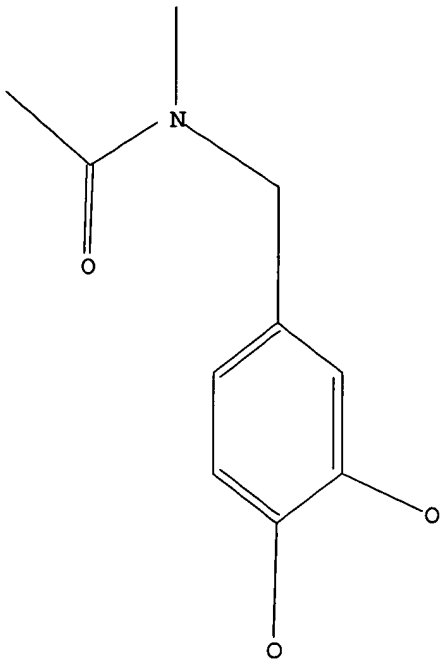
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 09787764-1.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 exact sam
SAMPLE SEARCH INITIATED 15:04:04 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> s l1 sss sam
SAMPLE SEARCH INITIATED 15:04:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 373 TO ITERATE

100.0% PROCESSED 373 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 6302 TO 8618
PROJECTED ANSWERS: 4 TO 200

4 SEA SSS SAM L1

```
L3 4 ANSWERS  REGISTRY  COPYRIGHT 2003 ACS
IN  Benzamide, 3-[2-(dimethylamino)ethoxy]-4-methoxy-N-[(1S)-3-methyl-1-
    [[[(1S)-1-methyl-2-oxo-3-[(2-pyridinylsulfonyl)amino]propyl]amino]carbonyl
    ]butyl]- (9CI)
MF  C27 H39 N5 O7 S
```

CN(C)CCOC1=CC=C(C=C1)C(=O)N[C@@H](C)C(=O)N[C@@H](C)C(=O)NS(=O)(=O)c2ccncc2

```

L3      4 ANSWERS      REGISTRY  COPYRIGHT 2003 ACS
IN      Benzeneacetamide, N- [(3S)-3-[[[(2S)-2-[[[3-[[2-(dimethylamino)ethoxy]-4-
      methoxybenzoyl]amino]-4-methyl-1-oxopentyl]amino]-2-oxobutyl]-.alpha.-
      methyl-3-(2-pyridinyl)]- (9CI)
MF      C36 H47 N5 O6

```

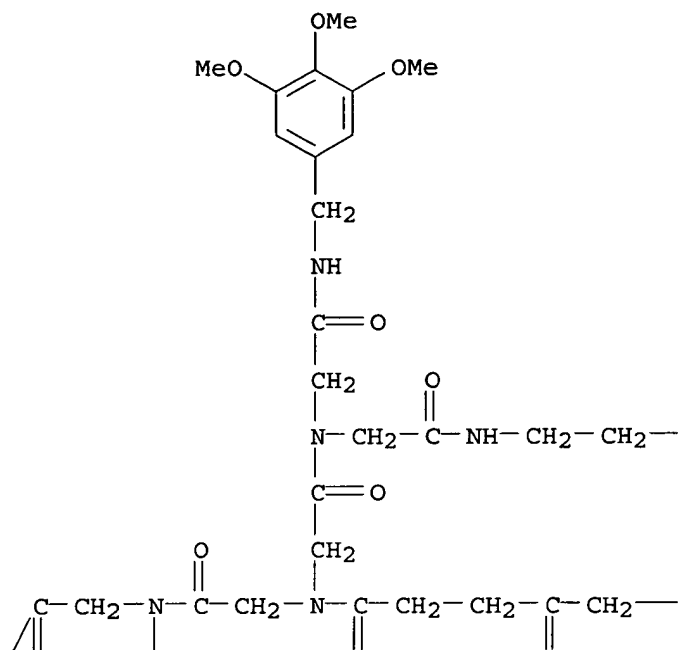
CC(C(=O)NCC(=O)S[C@H](C)NC(=O)S[C@@H](C)NC(=O)c1ccc(OC)c(OCCN)cc1)c2ccccc2C3=CC=CC=N3

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Glycinamide, 1,1'-(1,4,7-trioxo-1,7-heptanediyl)bis[N-[2-[[2-[[2-(4-methoxyphenyl)ethyl]amino]-2-oxoethyl][2-oxo-2-[[[3,4,5-trimethoxyphenyl)methyl]amino]ethyl]amino]-2-oxoethyl]glycyl-N2-[2-[[2-(4-

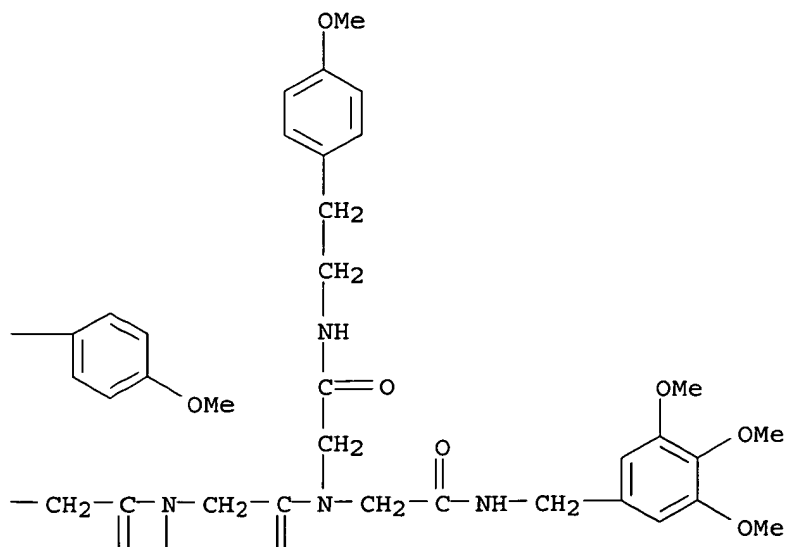
methoxyphenyl) ethyl] amino] -2-oxoethyl] -N- [(3,4,5-trimethoxyphenyl) methyl] -
(9CI)

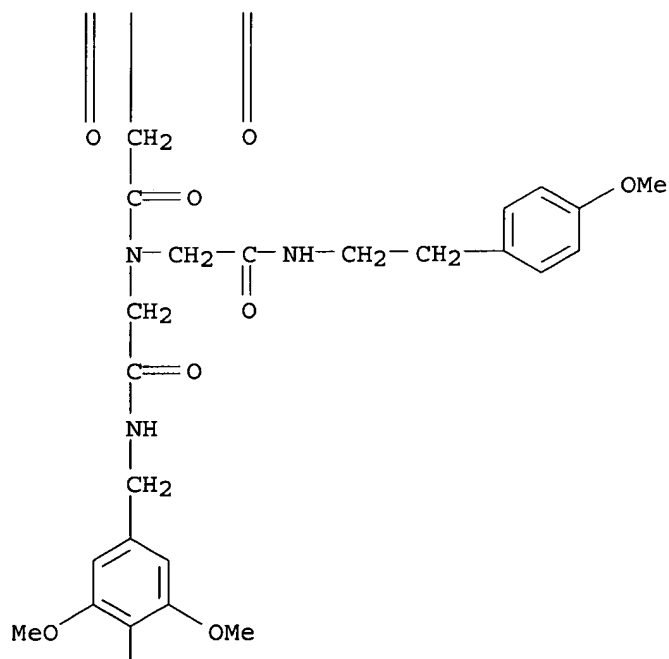
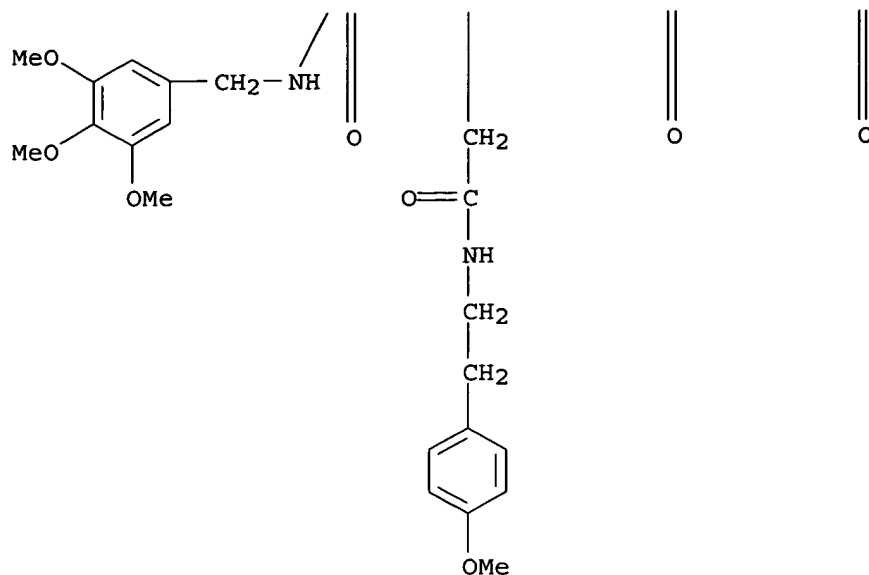
MF C107 H136 N14 O31

PAGE 1-A



PAGE 1-B



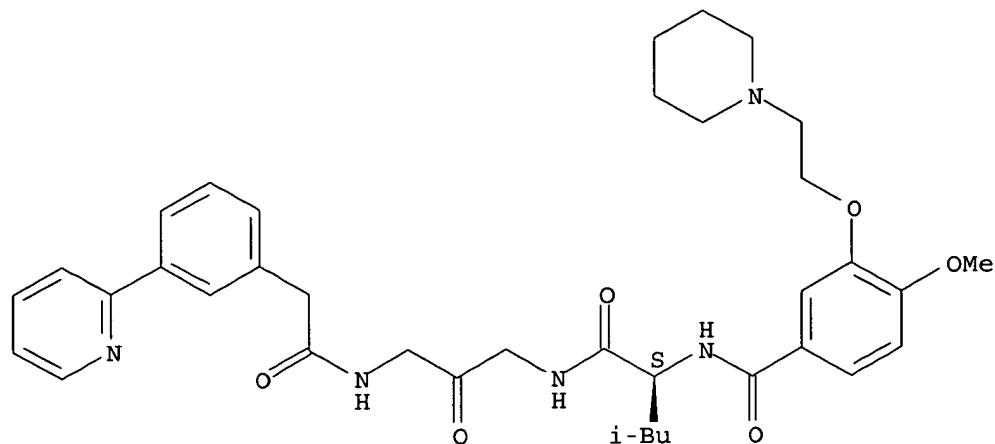


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Benzeneacetamide, N-[3-[[[(2S)-2-[[4-methoxy-3-[2-(1-

piperidinyl)ethoxy]benzoyl]amino]-4-methyl-1-oxopentyl]amino]-2-oxopropyl]-
 3-(2-pyridinyl)-(9CI)
 MF C37 H47 N5 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss full
 FULL SEARCH INITIATED 15:06:32 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 7741 TO ITERATE

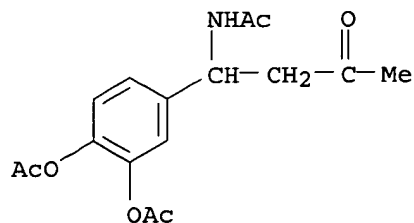
100.0% PROCESSED 7741 ITERATIONS
 SEARCH TIME: 00.00.01

81 ANSWERS

L4 81 SEA SSS FUL L1

=> d scan

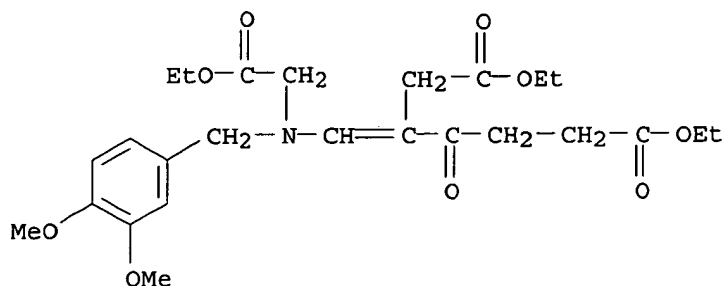
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Acetamide, N-[1-[[3,4-bis(acetyloxy)phenyl]methyl]-2-oxopropyl]-(9CI)
 MF C16 H19 N O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

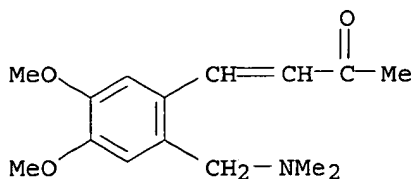
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Heptanedioic acid, 3-[[[(3,4-dimethoxyphenyl)methyl] (2-ethoxy-2-oxoethyl)amino]methylene]-4-oxo-, diethyl ester (9CI)
MF C25 H35 N O9



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

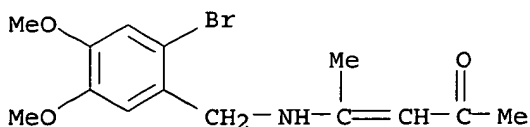
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 3-Buten-2-one, 4-[2-[(dimethylamino)methyl]-4,5-dimethoxyphenyl]- (9CI)
MF C15 H21 N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

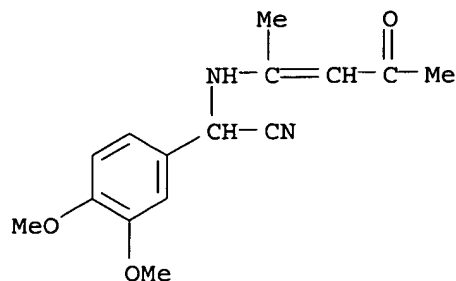
L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 3-Penten-2-one, 4-[[[2-bromo-4,5-dimethoxyphenyl)methyl]amino]- (9CI)
MF C14 H18 Br N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4 81 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzeneacetonitrile, 3,4-dimethoxy-.alpha.-[(1-methyl-3-oxo-1-butenyl)amino]- (9CI)
 MF C15 H18 N2 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

151.75

151.96

FILE 'CAPLUS' ENTERED AT 15:08:26 ON 17 MAR 2003

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FILE COVERS 1907 - 17 Mar 2003 VOL 138 ISS 12

FILE LAST UPDATED: 16 Mar 2003 (20030316/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4 and vannillinamide

45 L4

0 VANNILLINAMIDE

L5

0 L4 AND VANNILLINAMIDE

=> s l5 and N-acyl

2546853 N

90371 ACYL

229 ACYLS

90469 ACYL

(ACYL OR ACYLS)

7921 N-ACYL
(N(W)ACYL)

L6 0 L5 AND N-ACYL

=> s 15 and vanil?
18727 VANIL?

L7 0 L5 AND VANIL?

=> s 17 and vanillin?
11056 VANILLIN?

L8 0 L7 AND VANILLIN?

=> s 15 and vanillinamide
0 VANILLINAMIDE

L9 0 L5 AND VANILLINAMIDE

=> s 14 and vanil?
45 L4
18727 VANIL?

L10 2 L4 AND VANIL?

=> dis l10 1-2 bib abs hitstr

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

AN 2002:511742 CAPLUS

DN 137:216814

TI N-Acylvanillamides: Development of an Expeditious Synthesis and Discovery of New Acyl Templates for Powerful Activation of the **Vanilloid** Receptor

AU Appendino, Giovanni; Minassi, Alberto; Morello, Aniello Schiano; De Petrocellis, Luciano; Di Marzo, Vincenzo

CS Dipartimento di Scienze Chimiche Alimentari, Farmaceutiche e Farmacologiche, Novara, 28100, Italy

SO Journal of Medicinal Chemistry (2002), 45(17), 3739-3745
CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

LA English

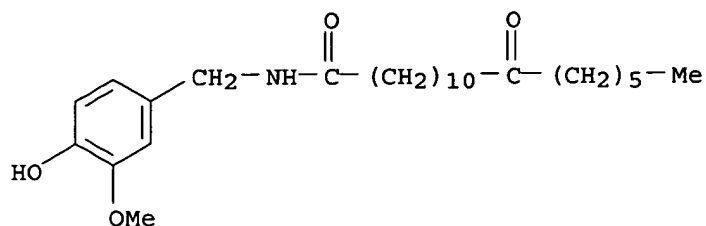
OS CASREACT 137:216814

AB A simple and general synthesis of **vanillamides** was developed and employed to screen acids from the fatty and isoprenoid pools for new acyl templates of biol. relevance as capsaicin analogs. Potent activation of the human **vanilloid** receptor 1 (VR1) was obsd. for the **vanillamides** of certain polyfunctional acids from both pools, showing that the **vanilloid** activity of capsaicinoids can be substantially improved by introducing polar groups and/or unsaturations on the acyl moiety. The activity of the unsatd. analogs was maintained or even increased by cyclopropanation, while .omega. dimerization led to a substantial increase of activity. Because of the wide structural diversity of the library of compds. screened, these observations could not be translated into a single framework of structure-activity relationships. Nevertheless, a series of new highly active leads was identified, validating the pharmacol. potential of the unnatural combination of natural building blocks to provide new bioactive compds.

IT 457067-08-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of N-acylvanillamines as templates for **vanilloid** receptor activators)

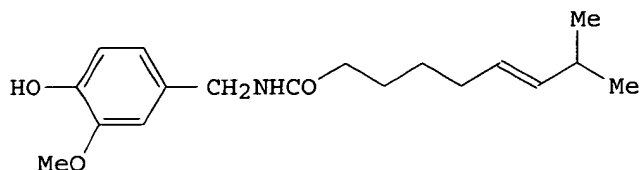
RN 457067-08-2 CAPLUS

CN Octadecanamide, N-[(4-hydroxy-3-methoxyphenyl)methyl]-12-oxo- (9CI) (CA INDEX NAME)



RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
AN 1993:650209 CAPLUS
DN 119:250209
TI **Vanilloids**. 1. Analogs of capsaicin with antinociceptive and antiinflammatory activity
AU Janusz, John M.; Buckwalter, Brian L.; Young, Patricia A.; LaHann, Thomas R.; Farmer, Ralph W.; Kasting, Gerald B.; Loomans, Maurice E.; Kerckaert, Gary A.; Maddin, Cherie S.; et al.
CS Miami Valley Lab., Procter and Gamble Co., Cincinnati, OH, 45239-8707, USA
SO Journal of Medicinal Chemistry (1993), 36(18), 2595-604
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
GI



I

AB As part of a program to establish structure-activity relationships for **vanilloids**, analogs of the pungent principle capsaicin (I), the alkyl chain portion of the parent structure (and related compds. derived from homovanillic acid) was varied. In antinociceptive and antiinflammatory assays (rat and mouse hot plate and croton oil-inflamed mouse ear), compds. with widely varying alkyl chain structures were active. Short-chain compds. were active by systemic administration in the assay mentioned above but they retained the high pungency and acute toxicity characteristic of capsaicin. In contrast, the long chain cis-unsaturates, NE-19550 (**vanillyloleamide**) and NE-28345 (oleylhomovanillamide), were orally active, less pungent, and less acutely toxic than capsaicin. The potential of these compds. as antiinflammatory/analgesic agents is discussed in light of recent data on the mechanism of action of **vanilloids** on sensory nerve fibers.
IT **150988-84-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and antinociceptive and antiinflammatory activity of)
RN 150988-84-4 CAPLUS
CN Octadecanamide, N-[(4-hydroxy-3-methoxyphenyl)methyl]-9-oxo- (9CI) (CA INDEX NAME)

